

## REMARKS

Claims 2, 5-42 and 59-82 have been allowed. Claims 1 and 3-4 have been indicated allowable if rewritten to overcome the rejection under 35 U.S.C. §112. Claim 46 has been indicated allowable if rewritten to overcome the rejection under 35 U.S.C. §112 and to include all of the limitations of the claims from which claim 46 depends. Claim 54 has been indicated as allowable if rewritten to include all of the limitations of the claims from which claim 54 depends.

Claims 1, 3, 4 and 43 have been amended as the Examiner suggested to overcome the rejection of claims 1, 3, 4 and 43-50 under 35 U.S.C. §112. As such, claims 1, 3, 4 and 43-50 are believed to be allowable under 35 U.S.C. §112.

The rejection of claims 43-45, 47-53 and 55-58 as obvious under 35 U.S.C. §103 in view of Johnson et al. 5,813,280 is respectfully traversed. Claims 43 and 51 have been amended to specify that the first acoustic wave that is generated in the acoustic wave cavity is sensitive to ice and is insensitive to water whereas the second acoustic wave generated in the acoustic wave cavity is sensitive to water. These claims are believed to be allowable for the reasons discussed by the Examiner in the Office Action in which he indicated the allowable subject matter.

All of the claims are believed to be allowable for the reasons discussed above. Reconsideration and allowance is respectfully requested.

Respectfully submitted,

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